

UPMC Physicians and Researchers Present at the 2108 American Transplant Congress

The American Transplant Congress (ATC), which is the Joint Annual Meeting of the American Society of Transplant Surgeons and the American Society of Transplantation, will take place June 2 - 6, 2018 in Seattle, Washington. UPMC and the University of Pittsburgh will be well-represented in poster presentations, oral presentations, awards, and educational discussions.

STI BASIC SCIENCE PRESENTATIONS – AMERICAN TRANSPLANT CONGRESS 2018

ORAL PRESENTATIONS

PRESENTER	TITLE	SESSION DATE AND TIME
Helong Dai	mTORC2 Deficiency in CD11c+ Dendritic Cells Promotes Acute Kidney Injury	Concurrent Session: Antigen Presentation / Allorecognition / Dendritic Cells June 3, 2018; 2:30 PM Publication #5
Adrian Morelli	Origin and Traffic of Donor-Derived Extracellular Vesicles During Allosensitization	Concurrent Session: Antigen presentation / Allorecognition / Dendritic Cells June 3, 2018; 3:06 PM Publication #8
Balathiripura Ramaswami	Role of B Cell Intrinsic NLRP3 in the Development of Chronic Rejection	Plenary Session IV June 6, 2018; 9:00 AM Publication #594
Zhongqiang Zhang	Upregulated IL-33 in heart transplants modulates local myeloid populations to protect against chronic allograft rejection	Session: Concurrent Session: Chronic Graft Injury June 5, 2018; 2:54 PM Publication #412
Khodor Abou Daya	In Vivo Imaging and Function of Renal Tertiary Lymphoid Organs	Concurrent Session: Antigen Presentation / Allorecognition / Dendritic Cells June 3, 2018; 3:30 PM Publication #10
Kanishka Mohib	In-Vivo Visualization of Regulatory B Cells Reveals Ag-Dependent T Cell Interactions That Suppress Subsequent T Cell:DC Interactions	Concurrent Session: New Approaches to Target Regulatory T Cells June 5, 2018; 5:42 PM Publication #563
Hehua Dai	Specific Monocyte Memory to Allogeneic MHC Mediated by Paired Immunoglobulin Receptors (PIR)	Session: Plenary Session IV June 6, 2018; 8:30 AM Publication #592
Toshimasa Nakao	DAP12 and its Triggering Co-Receptor TREM2 Play Key Roles in Regulation of Mouse and Human Liver DC Function and Control of Liver Ischemia-Reperfusion Injury	Concurrent Session: Antigen Presentation / Allorecognition / Dendritic Cells June 3, 2018; 3:42 PM Publication #11

Alicia Watson	Glycolytic Bias in mTORC2-Deficient Dendritic Cells Potentiates Antigen-Specific Immunity and Accelerates Graft Rejection	Session: Concurrent Session: Antigen Presentation / Allorecognition / Dendritic Cells June 3, 2018; 2:54 PM Publication #7
Akhil Sharma	Pro-Inflammatory B Cells Predict Progressive Minimal Early Renal Allograft Inflammation Which is Associated with Poor Graft Outcomes	Concurrent Session: Biomarkers, Immune Monitoring and Outcomes: Basic June 5, 2018; 3:30 PM Publication #408
Dominik Chittka	DSA with TCMR Identifies High Risk Renal Transplant Recipients That Can Be Predicted by Proinflammatory Transitional B Cells	Concurrent Session: Biomarkers, Immune Monitoring and Outcomes: Clinical June 5, 2018; 5:42 PM Publication #500

POSTER PRESENTATIONS

PRESENTER	TITLE	SESSION DATE AND TIME
Tarek Elgendy	Comparative Analysis of Bone Marrow versus Blood Monocyte-Derived Regulatory Dendritic Cells for Evaluation in a Miniature Swine Vascular Composite Allograft Model	Poster Session C: Antigen Presentation June 4, 2018; 6:00 PM - 7:00 PM Publication/Poster #2
Zhixing Song	The Regulatory Role of Plasma Cells (as Bregs) is Counterbalanced by a NOVEL Inflammatory Role in Murine Transplant and Autoimmune Models	Poster Session A: Tolerance / Immune Deviation June 2, 2018; 5:30 PM - 7:30 PM Publication/Poster #406
Gaelen Dwyer	Recipient Conditioning Results in IL-33 Support of Potent Th1 Alloimmune Responses after CD4+ T Cells Upregulate ST2 during Lymphopenia Induced Proliferation	Poster Session A: Innate Immunity; Chemokines, Cytokines, Complement June 2, 2018; 5:30 PM – 7:30 PM Publication/Poster #62
Mohamed Ezzelarab	Persistence and Homing of Autologous Donor-Reactive Ex-Vivo Expanded Regulatory T Cells to Heart Allografts in Lymphodepleted Recipient Monkeys	Poster Session D: Immunosuppression Preclinical Studies June 5, 2018; 6:00 PM – 7:00 PM Publication/Poster #35

INVITED PRESENTATIONS

PRESENTER	TITLE	SESSION DATE AND TIME
Adrian Morelli	Exosomes in Regulation of Immune Response	June 3, 2018; 11:45 PM – 12:15 PM
Fadi Lakkis	The Innate Immune Response- Dangers, Sensors, and Cells	June 2, 2018; 1:25 PM - 1:50 PM

Mohamed Ezzelarab	Evolving Barriers in Xenotransplantation Arena	June 5, 2018; 7:50 AM – 8:15 AM
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SESSION CO-CHAIRS/MODERATORS

CO-CHAIR	SESSION TITLE	SESSION DATE AND TIME
Adrian Morelli	Concurrent Session: Antigen Presentation / Allorecognition / Dendritic Cells	June 3, 2018; 2:30 PM – 4:00 PM
David Rothstein	Midday Didactic: Epigenetic Regulation of T Cell Responses	June 3, 2018; 11:15 AM - 12:45 PM
Heth Turnquist	Concurrent Session: Antigen presentation / Allorecognition / Dendritic Cells	June 3, 2018; 2:30 PM – 4:00 PM
Fadi Lakkis	Midday Didactic: Role of The Nervous System in Immunity and Immunosuppression	June 3, 2018; 11:15 AM – 12:45 PM
Fadi Lakkis	Controversies in Transplantation: Is the Microbiome Really Important in Transplantation?	June 5, 2018; 10:00 AM – 10:45 AM

AWARDS

RECIPIENT	AWARD RECEIVED
Adrian Morelli	AST Basic Science Investigator Award 2018
Kanishka Mohib	ATC Young Investigator Award 2018
Alicia Watson	ATC Young Investigator Award 2018
Aravind Cherukuri	ATC Young Investigator Award 2018

STI CLINICAL SCIENCE PRESENTATIONS – AMERICAN TRANSPLANT CONGRESS 2018

ORAL PRESENTATIONS

PRESENTER	TITLE	SESSION DATE AND TIME
Bala Ramaswami	T Cell Exhaustion Contributes to Operational Tolerance of Liver Allografts in Pediatric Liver Transplant Recipients	Concurrent Session: Liver: Pediatrics June 4, 2018; 5:42 PM Publication #364
Kyle Soltys	Increased Pre-Transplant Rejection-Risk Measured with Allospecific T-Cells Predicts Delayed Immunosuppression	Concurrent Session: Small Bowel: All Topics June 3, 2018; 2:30 PM Publication #82

	Minimization in Children with Intestine Transplantation	
Veena Venkat	Long Term Histologic Allograft Health is Preserved Despite Rejection during Protocolized Immunosuppression Withdrawal (ISW) in Stable Pediatric Liver Transplant Recipients	Concurrent Session: Tolerance: Clinical Studies June 5, 2018; 5:30 PM Publication #590
Masaki Yamada	Detection of Different Gene Expression Profiles in CD8+ T Cells from Chronic High EBV Load Carriers after Pediatric Heart and Liver Transplantation	Concurrent Session: PTLD/Malignancies: All Topics June 4, 2018; 3:30 PM Publication #272
Camila Macedo	Allogeneic T Follicular and T Conventional Responses Assessed by Proliferation, Cytokine Production, and TCR Clonality	Concurrent Session: Biomarkers, Immune Monitoring and Outcomes: Basic June 5, 2018; 3:18 PM Publication #407
Beverly Kosmach-Park	Information Needs of Adolescent Transplant Recipients Transitioning to Adult Care	Concurrent Session: Psychosocial and Treatment Adherence June 4, 2018; 5:30 PM Publication #383
Marian Michaels	Donor-derived Transmissions in 2016-2017: Analysis of the OPTN / UNOS Ad Hoc Disease Transmission Advisory Committee (DTAC).	Poster Session: New Frontiers in HIV and Hepatitis June 5, 2018; 4:42 PM Publication #569
Marian Michaels	Donor Derived Renal Cell Carcinoma (RCC) Transmission Events 2008-2016: A Report of the OPTN Disease Transmission Advisory Committee (DTAC)	Poster Session: Kidney Donor Selection / Management Issues - 1 June 3, 2018; 4:54 PM Publication #1324
Marian Michaels	HCV Ab+/NAT- Organ Donors, and the Challenges of 'Eclipse Windows': Analysis of the OPTN / UNOS Ad Hoc Disease Transmission Advisory Committee (DTAC)	Poster Session: New Frontiers in HIV and Hepatitis June 5, 2018; 5:30 PM Publication #569
Swaytha Ganesh	LDLT for High MELD Recipients: A Single Center Experience	Concurrent Session: Liver: Living Donors and Partial Grafts June 5, 2018; 5:06 PM Publication # 553

Aravind Cherukuri	Prospective Multicenter Validation of Human Transitional B Cell Cytokines as a Predictive Biomarker in Renal Transplantation	Concurrent Session: Biomarkers, Immune Monitoring and Outcomes: Clinical June 5, 2018; 4:42 PM Publication #495
Andrew Friday	Identification of Human SIRPa Diversity That Could Regulate Innate Allorecognition	Concurrent Session: Innate Immunity; Chemokines, Cytokines, Complement

		June 4, 2018; 5:30 PM Publication #307
Angelica Perez-Gutierrez	Donor Reactive Eomesdermin ^{hi} CD8 ⁺ T Cells Are Significantly Upregulated Early after Transplant in Kidney Transplant Patients without Rejection	Concurrent Session: Biomarkers, Immune Monitoring and Outcomes: Basic June 5, 2018; 2:54 Publication #405

POSTER PRESENTATIONS

PRESENTER	TITLE	SESSION DATE AND TIME
Paulo Fontes	Liver Preservation with Machine Perfusion and a New Human-Derived Hemoglobin-Based Oxygen Carrier Solution (HDHBOC)	Poster Session D: Late Breaking June 5, 2018; 6:00 PM - 7:00 PM Publication/Poster #299
Alexander Lai	Living Liver Donation: The Role of Facebook in Directed Donation	Poster Session D: Living Donors and Partial Grafts June 5, 2018; 6:00 PM - 7:00 PM Publication/Poster #225
Mylarappa Ningappa	Predicting Pediatric Liver Transplant Rejection with Peripheral Blood Leukocyte (PBL) Transcripts- Considerations and Design Limitations	Poster Session B: Liver: Pediatrics June 3, 2018; 6:00 PM - 7:00 PM Publication/Poster # 282
Parmjeet Randhawa	Application of RNA-Seq Derived Diagnostic Algorithms of T-Cell Mediated Kidney Rejection (TCMR) to DNA Microarray-Based Gene Expression Datasets	Poster Session B: Acute and Chronic Graft Injury June 3, 2018; 6:00 PM - 7:00 PM Publication/Poster #2
Parmjeet Randhawa	Genes with Housekeeping Function (GHF) in Renal Allograft Tissue: An RNA-Seq Analysis	Poster Session C: Kidney Technical June 4, 2018; 6:00 PM - 7:00 PM Publication/Poster #179
Parmjeet Randhawa	Performance of Molecular Diagnostic Algorithms of T-Cell Mediated Kidney Rejection (TCMR) in Non-Transplant Biopsies with Interstitial Nephritis	Poster Session D: Kidney: Acute Cellular Rejection June 5, 2018; 6:00 PM - 7:00 PM Publication/Poster #190
Jennifer Steel	Medical and Psychosocial Outcomes of Directed and Non-Directed Living Liver Donors	Poster Session D: Living Donors and Partial Grafts June 5, 2018; 6:00 PM - 7:00 PM Publication/Poster #220
Jennifer Steel	Occupational and Financial Outcomes of Directed and Non-Directed Living Liver Donors	Poster Session D: Living Donors and Partial Grafts June 5, 2018; 6:00 PM - 7:00 PM Publication/Poster #231
Amit Tevar	Objective Markers of Frailty Predict Successful Listing and Survival for Renal Transplant	Poster Session B: Kidney Psychosocial June 3, 2018; 6:00 PM - 7:00 PM Publication/Poster #182

Amit Tevar	Donor Acute Kidney Injury Does Not Affect Fibrosis on 1 Year Post-Transplant Kidney Biopsy	Poster Session D: Kidney Donor Selection/Management Issues June 5, 2018; 6:00 PM – 7:00 PM Publication/Poster #133
Amit Tevar	Outcomes of Moderately Macrosteatotic Liver Allografts	Poster Session A: Liver: MELD, Allocation and Donor Issues (DCD/ECD) June 2, 2018; 5:30 PM – 7:30 PM Publication/Poster #295
Rajil Mehta	Outcomes of Kidney Transplant Recipients with Early Allograft Inflammation: A Prospective Study	Poster Session D: Kidney: Acute Cellular Rejection June 5, 2018; 6:00 PM - 7:00 PM Publication/Poster #187
Abhinav Humar	The Safety and Efficacy of Splenic Artery Ligation in Living Donor Liver Transplant Recipients	Poster Session D: Liver: Living Donors and Partial Grafts June 5, 2018; 6:00 PM - 7:00 PM Publication/Poster #227
Abhinav Humar	Prediction of Hepatocellular Carcinoma Recurrence Following Liver Transplantation Using Combined Differential Gene Expression, Copy Number Variation and Somatic Mutation Analysis	Poster Session B: Liver: Hepatocellular Carcinoma and Other Malignancies June 3, 2018; 6:00 PM - 7:00 PM Publication/Poster #262
Abhinav Humar	Living Donor Liver Transplant (LDLT) at a Single Center- Intraoperative Technical Modifications and Optimization of Flow Dynamics to Improve Outcomes	Poster Session D: Liver: Living Donors and Partial Grafts June 5, 2018; 6:00 PM - 7:00 PM Publication/Poster #221
Dirk van der Windt	Donor Acute Kidney Injury Does Not Affect Fibrosis on 1 Year Post-Transplant Kidney Biopsy	Poster Session D: Kidney Donor Selection / Management Issues June 5, 2018; 6:00 PM - 7:00 PM Publication/Poster #133
Elena Irizarry	A Research-Informed Framework for a Medication Adherence Intervention to Support Transition of Adolescent Kidney Recipients to Independent Medication-Taking	Poster Session B: Kidney: Pediatrics June 3, 2018; 6:00 PM - 7:00 PM Publication/Poster #240
Christina Nguyen	Promoting Medication Adherence from the Perspectives of Teen and Young Adult Kidney Recipients, Parents and Health Care Professionals	Poster Session B: Kidney: Pediatrics June 3, 2018; 6:00 PM - 7:00 PM Publication/Poster #222
Puneet Sood	Thymoglobulin Dose and Effect on Short-Term Kidney Transplant Outcomes	Poster Session B: Kidney Immunosuppression: Induction Therapy June 3, 2018; 6:00 PM – 7:00 PM Publication/Poster #146
Puneet Sood	Results of UNOS Survey on Diagnosis, Treatment and Follow-Up Evaluation of Clinical and Sub-Clinical TCMR and ABMR in Kidney Transplant Recipients	Poster Session D: Kidney: Acute Cellular Rejection June 5, 2018; 6:00 PM – 7:00 PM Publication/Poster #196

Beverly Kosmach-Park	Clinical Outcomes, Care Needs and Adherence in Long Term Intestine Transplant Survivors \geq 10 yrs	Poster Session C: Psychosocial and Treatment Adherence June 4, 2018; 6:00 PM - 7:00 PM Publication/Poster #302
Sundaram Hariharan	Higher Concordance in the Incidence of DGF and Post-Transplant BKV Infection among Recipients Receiving Mate Kidneys from the Same Deceased Donor: A Paired Deceased Donor Kidney Transplant Analysis	Poster Session C: Kidney Polyoma June 4, 2018; 6:00 PM – 7:00 PM Publication/Poster #185
Christine Caruso	UPMC Living Donor Champion Program	Poster Session D: Donor Management: All Organs Excluding Kidney June 5, 2018; 6:00 PM – 7:00 PM Publication/Poster #19
Marian Michaels	Donor Transmitted Nut Allergy Following Solid Organ Transplantation: Analysis of the OPTN Ad Hoc Disease Transmission Advisory Committee (DTAC).	Poster Session: Donor Management: All Organs Excluding Kidney June 5, 2018; 6 PM – 7 PM Publication/Poster #17
Marian Michaels	Donor-derived Hepatitis B Virus (HBV) Infection: Analysis of the OPTN / UNOS Ad Hoc Disease Transmission Advisory Committee (DTAC)	Poster Session: Transplant Infectious Diseases June 4, 2018; 6:00 PM – 7:00 PM Publication/Poster #313
Swaytha Ganesh	LDLT for High MELD Recipients: A Single Center Experience	Concurrent Session: Liver: Living Donors and Partial Grafts June 5, 2018;
Angus Thomson	Regulatory Dendritic Cell (DCreg) Cell Infusion in Living Donor Liver Transplantation	Poster Session C: Antigen Presentation June 4, 2018; 6:00 PM – 7:00 PM Publication/Poster #1
Dominik Chittka	DSA Plus TCMR Leads to Poor Outcomes in Renal Allograft Recipients and This is Markedly Exacerbated by Non-Adherence	Poster Session C: Histocompatibility and Immunogenetics June 4, 2018; 6:00 PM – 7:00 PM Publication/Poster #11

INVITED PRESENTATIONS

PRESENTER	TITLE	SESSION DATE AND TIME
George Mazariegos	Operation! A Surgeons View of T1D	June 2, 2018; 4:25 PM - 4:45 PM
Fernanda Silveira	Non-Tuberculous Mycobacteria: From Outbreaks to Candidates	June 2, 2018; 2:30 PM - 2:50 PM
Beth Logan	Neurocognitive Outcomes in Very Young Transplant Recipients	June 3, 2018; 7:00 AM - 7:25 AM
Marian Michaels	Should I Accept this Donor? When to call your ID Friends at 2 AM - A Case-Based Panel	June 4, 2018; 7:00 AM - 8:15 AM
Marian Michaels	Prevention and Management of Long-term Viral Infections	June 4, 2018; 1:00 PM - 2:15 PM

SESSION CO-CHAIR/MODERATOR

CO-CHAIR	SESSION TITLE	SESSION DATE AND TIME
George Mazariegos	Pediatric Symposia: Tolerance in Children and Improving Graft Longevity in Pediatric Transplantation	June 5, 2018; 2:30 PM - 4:00 PM
Christina Nguyen	Sunrise Interactive: Psychosocial Challenges in Pediatric Kidney Transplantation - Case Presentations	June 6, 2018; 7:00 AM - 8:15 AM
Adriana Zeevi	Midday Didactic: Acute and Chronic Antibody Mediated Rejection in Lung Transplantation: Alloimmunity and Autoimmunity	June 3, 2018; 11.15 AM - 12.45 PM
Amit Tevar	Concurrent/Oral Session: Kidney Complications: Late Graft Failure	June 4, 2018; 4:30 PM – 6:00 PM